



Water-Data Report 2008

410155074060201 Local number 030289 Saddle River 17 Obs NJ Permit Number 23095326

Early Mesozoic basin aquifers

Passaic Formation

Bergen County, NJ

LOCATION.--Lat 41°01'55", long 74°06'02" referenced to North American Datum of 1927, Saddle River Borough, Bergen County, NJ, Hydrologic Unit 02030103, at the Saddle River Fire Station, East Saddle Rd. and East Allendale Rd.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 175 ft. Upper casing diameter 6 in; top of first opening 165 ft, bottom of last opening 175 ft. Drilled observation well.

DATUM.--Land-surface datum is 148.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 3.56 ft above land-surface datum, Dec. 3, 2004, to present.

PERIOD OF RECORD.--Mar. 1991 to current year.

GAGE.--Submersible logger pressure transducer-60 minute recording interval. Periodic measurements, Mar. 1991 to Dec. 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.16 ft above land surface, Apr. 7, 2005; lowest, 7.48 ft below land surface, Sept. 14, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

[- (minus sign), value is water level above land surface]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.13	1.33	0.68	-1.22	-0.01	-1.85	-1.60	0.67	2.23	2.64	3.72	4.83
2	5.30	1.49	0.63	-1.21	-0.73	-1.68	-1.41	0.65	2.68	3.17	3.62	5.12
3	5.37	1.31	0.41	-1.04	-0.87	-1.68	-1.19	0.53	2.87	3.31	3.54	5.36
4	5.35	1.37	0.51	-1.13	-0.87	-1.71	-1.25	0.41	2.83	3.57	3.51	5.56
5	5.35	1.42	0.62	-1.17	-0.97	-1.91	-1.20	0.55	2.61	2.85	3.58	5.66
6	5.13	1.40	0.78	-1.13	-1.05	-1.91	-1.17	0.78	2.56	2.77	3.05	5.03
7	5.27	1.42	0.79	-1.06	-1.05	-2.09	-1.05	1.07	2.40	2.65	2.92	3.95
8	5.54	1.45	0.81	-1.02	-0.97	-2.45	-0.86	1.25	3.05	2.79	2.97	3.29
9	5.50	1.39	0.94	-0.94	-0.79	-2.55	-0.90	0.99	3.25	3.16	2.78	2.82
10	4.80	1.36	0.90	-0.52	-0.84	---	-0.85	0.82	3.46	3.14	3.21	2.54
11	4.00	1.34	0.85	-0.50	-0.84	---	-0.76	0.42	3.71	3.16	3.35	2.30
12	3.52	1.24	0.79	-0.33	-0.99	---	-0.92	0.52	3.69	3.24	3.12	2.20
13	3.28	1.13	0.85	-0.28	-1.00	---	-0.83	0.63	4.30	3.73	2.89	1.58
14	3.10	1.12	0.79	-0.39	-1.62	---	-0.71	0.95	4.12	3.91	3.10	1.78
15	3.03	0.97	0.80	-0.57	-1.94	---	-0.60	0.95	3.83	3.50	3.12	1.97
16	3.05	0.97	0.42	-0.53	-2.11	---	-0.57	0.98	3.45	3.73	2.50	2.50
17	3.00	1.02	0.65	-0.59	-2.19	-2.53	-0.43	0.63	2.78	3.82	2.52	2.62
18	2.96	1.08	0.82	-0.75	-2.35	-2.38	-0.25	0.78	2.46	4.06	2.76	2.82
19	2.93	1.06	0.76	-0.74	-2.49	-2.16	-0.13	0.46	2.25	4.50	2.89	3.09
20	2.77	0.99	0.78	-0.68	---	-2.23	-0.11	0.83	2.62	4.81	3.28	2.99
21	2.62	0.95	0.85	-0.67	---	-2.34	-0.09	0.49	2.37	4.69	3.44	3.31
22	2.59	0.87	0.83	-0.60	-2.19	-2.27	0.10	0.76	2.63	4.83	3.69	3.43
23	2.49	1.07	0.57	-0.41	-2.21	-2.11	0.10	0.66	2.22	4.76	3.56	3.60
24	2.54	1.13	0.09	-0.51	-2.26	-1.91	0.35	1.40	1.98	4.12	4.12	3.73
25	2.55	1.28	-0.20	-0.70	-2.11	-1.79	0.65	1.32	1.60	3.43	4.24	3.75
26	2.48	1.13	-0.38	-0.41	-2.01	-1.80	0.86	1.79	1.87	3.02	4.13	3.27
27	2.02	0.83	-0.55	-0.45	-2.10	-1.81	0.88	1.97	1.98	3.32	---	2.20
28	1.62	0.79	-0.57	-0.48	-2.16	-1.77	0.74	2.12	1.92	3.37	---	2.21
29	1.43	0.58	-0.82	-0.27	-1.97	-1.54	0.33	1.93	2.27	3.23	4.77	1.86
30	1.39	0.61	-0.92	-0.20	---	-1.42	0.41	2.10	2.52	3.41	4.51	1.51
31	1.29	---	-1.08	0.13	---	-1.47	---	2.02	---	3.45	4.67	---
Mean	3.46	1.14	0.40	-0.66	---	---	-0.42	1.01	2.75	3.55	---	3.23
Max	5.54	1.49	0.94	0.13	---	---	0.88	2.12	4.30	4.83	---	5.66
Min	1.29	0.58	-1.08	-1.22	---	---	-1.60	0.41	1.60	2.64	---	1.51

